

Connah's Quay Low Carbon Power

Statutory Consultation Newsletter

Tuesday 8 October 2024 to Tuesday 19 November 2024

Uniper UK Limited (hereafter referred to as 'Uniper') is exploring the potential development of a new gas-fired power station with carbon capture technology at its Connah's Quay site, the Connah's Quay Low Carbon Power (CQLCP) project. If consented and developed the new power station would be capable of providing around 1.1 gigawatt (GW) of low carbon power, to help meet the growing need for electricity, whenever it is required.

We are sending you this newsletter to let you know that we will soon be opening our Statutory Consultation, which will run from **Tuesday 8 October 2024 to 11:59pm on Tuesday 19 November 2024**.

In February this year we held our initial Non-Statutory Consultation for the CQLCP project. Your insights, feedback, and suggestions will be invaluable as we continue to develop the project.

Full details of the consultation can be found in this newsletter, or alternatively you can visit our consultation website for more information: <https://uniperuk.consulting/cqlcp/>.

Consultation documents can be viewed from the launch date of the consultation, Tuesday 8 October 2024.

Consultation materials will also be available to take home from a number of information points. Please visit our website for a full list of locations.



Mae'r ddogfen yma hefyd ar gael yn Gymraeg ar ein gwefan yma.

"At Uniper, we understand the importance of being a good neighbour and believe in community involvement. Your feedback is essential in helping to shape the future of our Connah's Quay site and I'd encourage everyone to participate in the Statutory Consultation and share your thoughts and ideas on our plans."

Helen Rogers,
Uniper Project Manager

CQLCP is at an early stage of development, and proposals for the project may be subject to change, but it is currently expected to consist of:

- **a new combined cycle gas turbine (CCGT) power station**, with an expected capacity of around 1.1GW and up to a maximum of 1.38GW¹;
- **integrated carbon capture technology** to enable carbon dioxide (CO₂) emissions from the CCGT to be collected; and
- **a connection into nearby CO₂ transport and storage infrastructure** as part of the HyNet industrial cluster, enabling the captured CO₂ to be safely transported to permanent storage facilities in repurposed, depleted offshore gas fields.

¹ The project is at an early stage and final capacity will be determined following completion of Front End Engineering Design (FEED) which is due to commence later in 2024. Uniper is working towards a development consisting of two phases, each of around 550 megawatts (MW), providing around 1.1GW and up to a maximum of 1.38GW of low carbon power in total.

About Uniper

Uniper is an international energy company with activities in more than 40 countries and has roughly 7,000 employees worldwide. In the UK, Uniper owns and operates a flexible generation portfolio of seven power stations, a fast-cycle gas storage facility and two high pressure gas pipelines, from Theddlethorpe to Killingholme and from Blyborough to Cottam.

Uniper intends to be completely carbon-neutral by 2040 and aims for its installed power generation capacity to be more than 80% zero-carbon by 2030. To achieve this, the company is transforming its power plants and facilities and investing in flexible, dispatchable power generating units.

The company is progressively expanding its gas portfolio to include low carbon gases like hydrogen and biomethane and aims to convert to these gases over the long term.

Our upcoming events

We will be holding a series of public information events to provide you with an opportunity to view our updated plans in detail, speak with members of our project team and give your feedback on our proposals.

In-person events:

Wednesday 23 October 2024

Conference Centre, Coleg Cambria Deeside,
Kelsterton Road, Connah's Quay, CH5 4BR
16:00 – 20:00

Saturday 26 October 2024

Flint Town Hall, Holywell Street, Flint, CH6
5NW 11:00 – 16:00

Thursday 7 November 2024

Connah's Quay Cricket Club, 5 Cable Street,
Connahs Quay, CH5 4DZ 13:00 – 18:00

Online webinars:

Saturday 19 October 2024

11:00 – 12:00

Tuesday 22 October 2024

13:00 – 14:00

Monday 4 November 2024

18:00 – 19:00



Please scan the QR code to
register for our webinars.

The need for the project

To ensure the UK continues to have a secure and reliable power system as we become more reliant on electricity, more generation capacity will be needed. According to the UK's independent advisor on climate change, the Climate Change Committee (CCC), demand for electricity is forecast to increase by 50% by 2035.

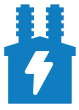
The proposed new CCGT power station with carbon capture at Connah's Quay would be able to flexibly and reliably generate low carbon power to meet the growing need for electricity, whenever it is required. Power stations such as this will play a crucial role in the future energy system, as they can help ensure that energy is available at times when it is needed most, and when power from renewable sources can't meet demand.



Key facts about our proposals



CQLCP could help to meet the UK's increasing demand for electricity, **which is forecast to increase by 50% by 2035²**



Our Connah's Quay site is the **ideal location for a new low carbon power station**, having had energy generation on site since the 1950s



Critical infrastructure needed for energy generation is already in place, including connections to the national electricity grid and a pipeline that can be repurposed and used to transport captured CO₂



When fully operational CQLCP could generate **enough low-carbon electricity to power up to 2.8 million homes a year³**



When fully operational, and at full load, **CQLCP could capture and store up to 3.7 Metric Ton of CO₂ per year**, contributing to the UK's transition to net zero



CQLCP could contribute to economic growth, **protecting skilled technical jobs and creating new opportunities during construction**

² In its Balanced Pathway for the Sixth Carbon Budget (Dec 2020), the UK's Climate Change Committee (CCC) forecast a 50% increase in electricity demand by 2035 and a doubling in electricity demand by 2050 (Sixth Carbon Budget - Climate Change Committee (theccc.org.uk)).

³ Once fully developed, at 1.1GW the power station could supply enough low carbon electricity to power up to 2.8 million homes a year or the equivalent of 69% of the average annualised power demand for Wales. (The comparison to the average annual power demand for Wales is simply to give a feel for the contribution the low carbon power station would provide).

Feedback we received at our Non-Statutory Consultation

Between Monday, 26 February 2024, and Monday, 25 March 2024, we conducted our first stage of consultation, writing to over 20,000 local addresses to gather feedback about the early project proposals. We received over 50 pieces of feedback, and we appreciate the time given by everyone who shared their views.

Here are our key findings:



We were delighted to see growing support for the project, with respondents consistently showing a neutral to positive sentiment towards the proposals. Only 15% of responders disagree that the UK should build new low carbon power stations to ensure security of supply and, notably, 61% expressed support or are impartial towards a new power station at our Connah's Quay site.



Concerns were raised regarding potential impacts on biodiversity in the nearby Deeside Nature Reserve.



There was some uncertainty expressed about whether the site location itself was suitable, although the majority of respondents felt that our Connah's Quay site is a suitable location for a new low carbon power station.



The consultation highlighted the importance of continued dialogue and transparency with the community.



Around 30% of respondents had questions about potential disruptions associated with construction activities and increased traffic in the area.

The feedback received during this early consultation has been reviewed and analysed to understand key themes and issues of importance. Having taken onboard this initial information and feedback, we have prepared a more advanced design for the project, with greater detail, including information about how potential impacts have been assessed and how we plan to manage or mitigate them.



Statutory Consultation and next steps

Uniper will seek to obtain development consent for the CQLCP project by submitting a Development Consent Order (DCO) application to the Planning Inspectorate under the Planning Act 2008, covering Nationally Significant Infrastructure Projects (NSIP). Our upcoming Statutory Consultation will provide you with a formal opportunity to comment on our updated proposals before we submit an application, expected to be early in 2025.

As part of the planning process, we are currently undertaking a full Environmental Impact Assessment (EIA), to identify any potential environmental impacts associated with the construction, operation and decommissioning phases of the project, how these have influenced design development and our approach to mitigating or avoiding any likely significant adverse effects.

A Preliminary Environmental Information Report (PEIR) – which contains preliminary environmental information on the potential effects of the project – will be consulted upon as part of the Statutory Consultation.

The PEIR and a Non-Technical Summary will be available to view on the project consultation website and at in person events during our Statutory Consultation, which will be held from **Tuesday 8 October to Tuesday 19 November 2024**.

You can provide feedback on our proposals by:



completing our online feedback questionnaire on our consultation website;



filling in a hard copy feedback form which can be found at our in-person consultation events and information points;



contacting our Community Relations Team directly using the details below. You can also request a hard copy feedback form from the team.

Feedback must be received by Uniper by **11:59pm on Tuesday 19 November 2024**. Following our Statutory Consultation, we will report on the outcomes of this process in our Consultation Report, which we will submit as part of our DCO application expected to be in early 2025.

Where to find out more



To find out more about our project and access our consultation materials, including the PEIR and Non-Technical Summary, please visit <https://uniperuk.consulting/cqlcp/> or scan the QR code to be directed to our website. Consultation documents can be viewed from the launch date of the consultation, Tuesday 8 October 2024. Consultation materials will also be available to take home from a number of information points. Please visit our website for a full list of locations.

We are committed to ensuring our consultation is accessible to all. Our website and all key project materials, including this newsletter, our consultation brochure, feedback form and Non-Technical Summary of the PEIR, will be made available in Welsh. We can also provide our materials in alternative formats. **If you require any of our materials in an alternative format, please contact us using the information provided below.**

This document has been produced by Uniper UK Limited, and every effort has been made to ensure that the information contained within is accurate as of the date of publication. The project is still at an early stage, and therefore future updates or changes may affect the accuracy or relevance of this information.

Contact us

If you would like to talk to us about the project, you can contact our Community Relations Team using the following contact information:

Email us at info@connahsquaylcp.co.uk | Call us on **0800 0129156** | Write to us at **FREEPOST CQLCP**